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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

AKIYAMA, Tomoyuki

Group Art Unit: 2633

Serial No.: 10/716,662

Examiner: Not Yet Assigned

Filed: November 20, 2003

P.T.O. Confirmation No.: 7437

For: OPTICAL REPEATER

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 14, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

Documents AA-AB, AF-AG and AK were cited in a European Search Report dated March 26, 2004. A copy of the search report is also enclosed.

No fee is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution

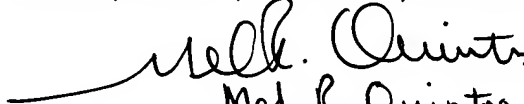
Serial No.: 10/716,662

of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO1449, Search Report, 5 References



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 031281	Serial No. 10/716,662
	Applicant(s): Tomoyuki Akiyama	
	Filing Date: November 20, 2003	Group Art Unit: 2633

#### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Sub class	Filing Date (If appropriate)
_____	AA	6,421,169 B1	Bonnedal et al	7/16/02	359	337.1	
_____	AB	4,923,291	Edagawa et al	5/8/90	350	389	
_____	AC						
_____	AD						
_____	AE						

#### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AF	0615323A2	9/14/94	EP	
_____	AG	0305995	3/8/89	EP	
_____	AH				
_____	AI				
_____	AJ				

#### OTHER DOCUMENTS

_____	AK	Holtmann et al; "Monolithically Integrated Gain-Clamped Semiconductor Optical Amplifier Exploiting Mach-Zehnder Interferometer Configuration" <u>WeD.3.4 - 22<sup>nd</sup> Eur.Conf. On Optical Comm. - EEOC'96, Oslo, 3,199 (1996) pp199-202.</u>
_____	AL	European Search Report dated March 26, 2004
Examiner		Date Considered